



## Department of Energy

Idaho Operations Office  
850 Energy Drive  
Idaho Falls, Idaho 83401-1563

August 23, 2001

Mr. Wayne Pierre, Team Leader  
Environmental Cleanup Office  
U.S. Environmental Protection Agency  
Region X  
1200 Sixth Avenue  
Seattle, Washington 98101

Mr. Dean Nygard, Site Remediation Program Manager  
Idaho Department of Environmental Quality  
Waste Management and Remediation Program  
1410 N. Hilton  
Boise, Idaho 83706

**SUBJECT:** Transmittal of the Draft Remedial Design/Remedial Action Work Plan for the Waste Area Group 3 Staging, Storage, Sizing, and Treatment Facility (EM-ER-01-136)

Dear Mr. Pierre and Mr. Nygard:

Enclosed is the Draft Remedial Design/Remedial Action (RD/RA) Work Plan for the Waste Area Group 3 Staging, Storage, Sizing, and Treatment Facility. The SSSTF RD/RA Work Plan package consists of the documents comprising the Draft Remedial Design (Title II) and Remedial Action Work Plan for the SSSTF. The enclosed remedial design and remedial action work plan (contents listed below), are being submitted to meet the requirements of the Federal Facility Agreement and Consent Order (FFA/CO).

### **SSSTF RD/RA Work Plan**

- Remedial Design/Remedial Action Work Plan for the Waste Area Group 3 Staging, Storage, Sizing, and Treatment Facility

### **Appendices Volume 1 of 2 – Remedial Design/Construction Appendices**

- Appendix A—Technical and Functional Requirements, WAG 3 Staging, Storage, Sizing, and Treatment Facility
- Appendix B—Design Basis
  - B-1 Process and Treatment Overview for the Minimum Treatment Process
  - B-2 Staging, Storage, Sizing, and Treatment Facility Debris Treatment Process Selection and Design
  - B-3 SSSTF Sanitary Sewer Lift Station
  - B-4 SSSTF Phase 1 – Utilities – Raw Water and Potable Water
  - B-5 INTEC Fire Water System for the ICDF Complex
  - B-6 SSSTF Phase 1 – Minimum Infrastructure, Process Systems Drain Pipe Sizing
  - B-7 SSSTF Phase 1 – Minimum Infrastructure, Decon Facility HVAC System
  - B-8 SSSTF Design Radiological Control Analysis
  - B-9 SSSTF Phase 1 – Minimum Infrastructure, Fiber Optic Selection

- B-10 SSSTF Phase 1- Minimum Infrastructure, Electrical Load Study
  - B-11 SSSTF Phase 1 – Minimum Infrastructure, Access Road and Site Pavement Ballast Requirements
- Appendix C—Design Specifications
  - C-1 Procurement Specification for CPP-1689 Administration Office Trailer
- Appendix D—Design Drawings
- Appendix E—SSA As-Built Drawings, Design Drawings, and Specifications
- Appendix F—Preliminary Inspection Plan for SSSTF Construction Activities
- Appendix G—Health and Safety Plan for Construction of the Staging, Storage, Sizing, and Treatment Facility
- Appendix H—Construction Waste Management Plan for the Staging, Storage, Sizing, and Treatment Facility
- Appendix I—Storm Water Pollution Prevention Plans for Construction of the SSSTF

**Appendices Volume 2 of 2 – Remedial Action/Operations Appendices**

- Appendix J—ICDF Complex Waste Acceptance Criteria
- Appendix K—Staging, Storage, Sizing, and Treatment Facility Operations and Maintenance Plan
- Appendix L—Health and Safety Program for INEEL CERCLA Disposal Facility Operations
- Appendix M—ICDF Complex Operations Waste Management Plan
- Appendix N—Quality Program Plan for the INEEL CERCLA Disposal Facility Complex
- Appendix O—Schedule and Assumptions
- Appendix P—Cost Estimate
- Appendix Q—Treatability Study Test Plan for Soil Stabilization at the Staging, Storage, Sizing, and Treatment Facility Using Portland Cement-Based Reagents
- Appendix R—Sampling and Analysis Plan for the SSSTF Waste Stabilization Operations, WAG 3, OU 3-13

In order to expedite Draft Remedial Design (Title II) and Remedial Action Work Plan for the SSSTF, comment resolution and incorporation, review comments should be provided in an electronic format. By using an electronic copy transfer, an increase in the efficiency of comment resolution and subsequent incorporation is expected.

The FFA/CO review time for the enclosed documents, primary documents, is 45 days, but if you have significant comments please let us know within 30 days. By notifying DOE-ID of any significant issues prior to the completion of the review period, these issues can be addressed and this will reduce the impact to the schedule. If you have any questions, please call Talley Jenkins at (208) 526-4978 or myself at (208) 526-4392.

Sincerely,



Kathleen E. Hain, Manager  
Environmental Restoration Program

Enclosure

Pierre, Nygard

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INITIAL mo DATE 8/30/01